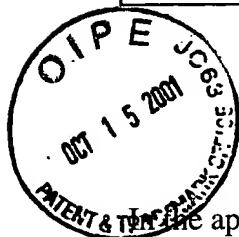


CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Assistant Commissioner for Patents, Washington, D.C. 20231, on October 10, 2001.

10/10/2001
Date

Janet Hollrath
JANET HOLLRATH



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

The application of:

Nikhil JAKATDAR and Michael
LAUGHERY

Serial No.: 09/727,530

Filing Date: November 28, 2000

For: SYSTEM AND METHOD FOR REAL-
TIME LIBRARY GENERATION OF
GRATING PROFILES

Examiner: To Be Assigned

Group Art Unit: To Be Assigned

**PROSECUTION BY ASSIGNEE AND POWER OF ATTORNEY
UNDER 37 C.F.R. § 3.71**

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Timbre Technologies, Inc., the assignee of the entire right, title and interest in this patent application, under 37 C.F.R. § 3.71 hereby appoints:

Laurie A. Axford (Reg No. 35,053)
Joseph Barrera (Reg No. 44,522)
Shantanu Basu (Reg No. 43,318)
Frank P. Becking (Reg No. 42,309)
Jonathan Bockman (Reg No. 45,640)
Barry E. Bretschneider (Reg No. 28,055)
Nicholas Buffinger (Reg No. 39,124)
Mark R. Carter (Reg No. 39,131)
Peng Chen (Reg No. 43,543)

Sanjay S. Bagade (Reg No. 42,280)
Erwin J. Basinski (Reg No. 34,773)
Richard R. Batt (Reg No. 43,485)
Vincent J. Belusko (Reg No. 30,820)
Kimberly A. Bolin (Reg No. 44,546)
Tyler S. Brown (Reg No. 36,465)
A. Randall Camacho (Reg No. 46,595)
Robert K. Cerpa (Reg No. 39,933)
Alex Chartove (Reg No. 31,942)

Thomas Chuang (Reg No. 44,616)
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Stephen C. Durant (Reg No. 31,506)
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Thomas George (Reg No. 45,740)
Kenneth R. Glick (Reg No. 28,612)
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Charles D. Holland (Reg No. 35,196)
Wayne Jaeschke, Jr. (Reg No. 38,503)
Richard D. Jordan (Reg No. 33,519)
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Kate H. Murashige (Reg No. 29,959)
Catherine M. Polizzi (Reg No. 40,130)
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Rebecca Shortle (Reg No. 47,083)
Stanley H. Thompson (Reg No. 45,160)
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Frank Wu (Reg No. 41,386)
Peter J. Yim (Reg No. 44,417)
Karen R. Zachow (Reg No. 46,332)

Thomas E. Ciotti (Reg No. 21,013)
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Carolyn A. Favorito (Reg No. 39,183)
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Parisa Jorjani (Reg No. 46,813)
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Kevin R. Spivak (Reg No. 43,148)
Michael R. Ward (Reg No. 38,651)
Todd W. Wight (Reg No. 45,218)
David T. Yang (Reg No. 44,415)
George C. Yu (Reg No. 44,418)

all of Morrison & Foerster LLP, 425 Market Street, San Francisco, California 94105-2482, telephone (415) 268-7000, to prosecute this application and transact all matters in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorneys in accordance with the provisions of 37 C.F.R. § 3.71 provided that if any one of said attorneys or agents ceases being affiliated with the law firm of Morrison & Foerster as partner, employee or of counsel, such attorney's or agent's appointment as attorney or agent and all powers derived therefrom shall terminate on the date such attorney or agent ceases being so affiliated.

Please direct all written communications relative to this application to:

Peter J. Yim
Morrison & Foerster LLP
425 Market Street
San Francisco, California 94105-2482

Please direct all telephone communications to Peter J. Yim at (415) 268-6373.

Timbre Technologies, Inc.
a California corporation

Dated: 10/5/, 2001 Nakatdar
Name: Nickhil JAKATDAR
Title: CTO
Address: 5341 Randall Place
Fremont, California 94538

COPY

ASSIGNMENT
JOINT

THIS ASSIGNMENT, by Nickhil JAKATDAR and Michael LAUGHERY (hereinafter referred to as the assignors), residing at Fremont, California and Austin, Texas, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in SYSTEM AND METHOD FOR REAL-TIME LIBRARY GENERATION OF GRATING PROFILES, set forth in an application for Letters Patent of the United States, bearing Serial No. 09/727,530 and filed on November 28, 2000; and

WHEREAS, Timbre Technologies, Inc., a corporation duly organized under and pursuant to the laws of California and having its principal place of business at 5341 Randall Place, Fremont, California 94538 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

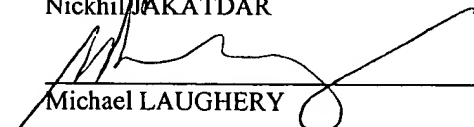
AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

10/5/01
Date



Nickhil JAKATDAR

10/2/01
Date



Michael LAUGHERY